

14230 U.S. PTO  
06/24/03

# UTILITY PATENT APPLICATION TRANSMITTAL

(New Nonprovisional Applications Under 37 CFR § 1.53(b))

Attorney Docket No.

02-03US

## TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Transmitted herewith is the patent application of ( ) application identifier or (X) first named inventor, Steven C. Quay, entitled COMPOSITIONS AND METHODS FOR MODULATING PHYSIOLOGY OF EPITHELIAL JUNCTIONAL ADHESION MOLECULES FOR ENHANCED MUCOSAL DELIVERY OF THERAPEUTIC COMPOUNDS, for an:

- (X) Original Patent Application.  
(X) A statement claiming priority under 35 USC § 119 (e) has been added to the specification. We claim benefit to U.S. Patent Application 60/392,512 filed June 28, 2002.  
( ) A statement claiming priority under 35 USC § 120 has been added to the specification.

Enclosed are:

- (X) Specification; 220 Total Pages. (X) Drawing(s); 4 Total Sheets.  
(X) Oath or Declaration: Total Sheets 1  
( ) A Newly Executed Combined Declaration and Power of Attorney:  
( ) Signed. (X) Unsigned. ( ) Partially Signed.  
(X) Fee Transmittal (PTO/SB/17 two copies)  
(X) A Duplicate Copy of this Form for Processing Fee Against Deposit Account.  
(X) Credit Card Payment Transmittal.  
(X) Specification Sequence Listing on (X) CD-R, 1 of 1, (X) paper (X) statement verifying identity of copies  
(X) Return Receipt Postcard.

CLAIMS AS FILED				
FOR	NO. FILED	NO. EXTRA	RATE	FEE
Total Claims	92	72	\$9.00	\$ 648.00
Independent Claims	4	1	\$42.00	\$ 42.00
Multiple Dependent Claims (if applicable)				\$0.00
Assignment Recording Fee				\$0.00
Basic Filing Fee				\$375.00
			Total Filing Fee	\$1,065.00

(X) Assignee for this application is or will be Nastech Pharmaceutical Company Inc., and applicants request that this information be listed on the published application.

(X) 37 C.F.R. § 1.821 (f) I hereby state that the information recorded in computer readable form is identical to the written (on paper) sequence listing. 37 C.F.R. § 1.825 (b)

(X) Small entity status is claimed for this application under 37 CFR 1.27.

(X) Please return the enclosed postcard to confirm that the items listed above have been received.

Charge \$ 1,065.00 to our credit card

Respectfully submitted,

By: Paul G. Lunn  
Paul G. Lunn, Attorney of Record, Reg. No. 32,743

Date: June 23, 2003

Correspondence Address:

Nastech Pharmaceutical Company Inc.  
3450 Monte Villa Parkway  
Bothell, WA 98021-8906  
Phone: (425) 908-3643  
Fax: 425-908-3655

I hereby certify that this is being deposited with the U.S. Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated below and is addressed to:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, D.C. 20231

By: Leslie M. Kodish

Printed Name: Leslie M. Kodish

Express Mail Label No.: EO900997308US

Date of Deposit: June 23, 2003



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PATENT TRADEMARK OFFICE

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# FEE TRANSMITTAL for FY 2003

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant Claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$1) 1,065.00

## Complete if Known

Application Number	
Filing Date	June 23, 2003
First Named Inventor	Steven C. Quay
Examiner Name	
Art Unit	
Attorney Docket No.	02-03US

## METHOD OF PAYMENT (check all that apply)

 Check  Credit card  Money Order  Other  None
 Deposit Account

Deposit Account Number	
Deposit Account Name	

The Commissioner is authorized to: (check all that apply)

- Charge fee(s) indicated below  Credit any overpayments  
 Charge any additional fee(s) during the pendency of this application  
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

## FEE CALCULATION (continued)

## 3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
Fee Code (\$)	Fee Code (\$)	Fee Description	
1051 750	2051 130	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 410	2252 205	Extension for reply within second month	
1253 930	2253 465	Extension for reply within third month	
1254 1,450	2254 725	Extension for reply within fourth month	
1255 1,970	2255 985	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1,510 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,300	2453 650	Petition to revive - unintentional	
1501 1,300	2501 650	Utility issue fee (or reissue)	
1502 470	2502 235	Design issue fee	
1503 630	2503 315	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 750	2809 375	Filing a submission after final rejection (37 CFR § 1.129(a))	
1810 750	2810 375	For each additional invention to be examined (37 CFR § 1.129(b))	
1801 750	2801 375	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

SUBTOTAL (1) (\$375.00)

## 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid
92	4	-20** = 72 - 3*** = 1	x 9 = 42	= 648.00 = 42

Multiple Dependent

Large Entity	Small Entity	Fee Description
Fee Code (\$)	Fee Code (\$)	Fee Description
1202 18	2202 9	Claims in excess of 20
1201 84	2201 42	Independent claims in excess of 3
1203 280	2203 140	Multiple dependent claim, if not paid
1204 84	2204 42	**Reissue independent claims over original patent
1205 18	2205 9	**Reissue claims in excess of 20 and over original patent

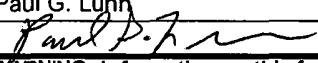
SUBTOTAL (2) (\$690.00)

\*\* or number previously paid, if greater; For Reissues, see above

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$)

SUBMITTED BY					
Name (Print/Type)	Paul G. Lunn	Registration No. (Attorney/Agent)	32,743	Telephone	(425) 908-3643
Signature				Date	June 23, 2003

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 37 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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